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mo. 77-278 DEPARTMENT OF THE INTERIOR PREPARED IN COOPERATION WITH THE OPEN FILE REPORT 77-278 UNITED STATES GEOLOGICAL SURVEY U. S. BUREAU OF RECLAMATION EXPLANATION -400 WATER QUALITY-ZONE CONTOUR - shows altitude of base of water generally containing less than 1,000 mg/L dissolved solids (1945-73). Contour interval 50 feet. Datum is mean sea level Well in which base of fresh water was determined 36 00 36 00 Well used as a general guide in drawing contours; the geophysical log for the well begins below the base of 97'15 fresh water R3W CIMARROS R4W Guthrie Begr T15N T 15N 35 45 35 45 OKLAHOMA COUNTY TIANE 714% T13N Su tods Hills T12N Forest TIZN 35'30 3530 400. Base from U.S. Geological Survey 1 24,000 and 1 62,500 quadrangles Figure 4. -- Map showing the base of fresh water in the Garber-Wellington aquifer. southern Logan and northern Oklahoma Counties, Oklahoma. AUG2 9 1977

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